Contributing Authors

This is the list of authors who have contributed directly to the articles on this site.

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Name	Version Creation Time	Abstract
Allen, Julia H.	3/6/10 12:55:22 PM	Julia H. Allen is a senior member of the technical staff within the CERT® Program at the Software Engineering Institute (SEI), a unit of Carnegie Mellon University in Pittsburgh, PA. In addition to her work in software security and assurance, Allen is engaged in developing and transitioning executive outreach programs in enterprise security and governance. Prior to this technical assignment, Allen served as acting Director of the SEI for an interim period of six months, as well as Deputy Director/Chief Operating Officer for three years. She formalized the SEI's relationship with industry organizations and created the Customer Relations team.
Amey, Peter	3/6/10 12:56:58 PM	Peter Amey is an aeronautical engineer by original professional training. He served as an engineering officer in the Royal Air Force and spent several years at the Boscombe Down test establishment working on the certification of aircraft armament systems. Peter joined Program Validation Limited to develop the SPARK language and the SPARK Examiner toolset and continues that work today with Praxis High Integrity Systems.
Arora, Ashish	3/18/06 9:59:01 AM	Carnegie Mellon University
Bailey, John	5/16/08 2:39:05 PM	John Bailey is a research staff member in the Cost Analysis and Research Division at the Institute for Defense Analysis, conducting research in software engineering, software measurement, software reuse, and quality improvement. Before joining IDA, John

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1. http://buildsecurityin.us-cert.gov/bsi/900-BSI.html (Call for Authors and Reviewers)

		studied the cost effectiveness of software development techniques, languages, processes, and training in both industry and government settings.
Barnum, Sean	5/3/10 3:47:54 PM	Sean Barnum is Software Assurance Principal at The Mitre Corporation with more than 18 years of experience in software development, technology management, and professional services.
Caulkins, Jonathan	5/16/08 2:39:04 PM	Jonathan P. Caulkins, PhD, is Professor of Operations Research and Public Policy at Carnegie Mellon University's Qatar Campus and Heinz School of Public Policy. Dr. Caulkins specializes in mathematical modeling and systems analysis of social policy decision problems, with a particular focus on issues pertaining to drugs, crime, violence, and prevention (work that won the David Kershaw Award from the Association of Public Policy Analysis and Management) and on software quality. Other interests include software quality, optimal control, counter-terror, black markets, airline operations, and personnel performance evaluation.
Creel, Rita	5/24/07 9:29:36 AM	
Davis, Noopur	3/18/06 9:36:47 AM	Noopur Davis is a Visiting Scientist at the Software Engineering Institute of Carnegie Mellon University, where she works with Watts Humphrey on his Team Software Process initiative.
Dekkers, Carol	3/18/06 9:31:31 AM	Ms. Dekkers is President of Quality Plus Technologies, Inc., a progressive management consulting firm specializing in working with companies that want to improve their software and systems success.
Drommi, Antonio	5/16/08 2:39:05 PM	Antonio Drommi is the associate director for the Centre for Assurance Studies at the

		University of Detroit Mercy, a National Center of Academic Excellence in Information Assurance. He has been an assistant professor of Computer Information Systems since 2002. He lectures on various subjects in the software management and IT discipline. One of his research and lecture interests is human factors in IT and its relationship to information assurance and security.
Ellison, Robert J.	5/16/08 2:39:03 PM	As a member of the Survivable Systems Engineering Team at the Software Engineering Institute, Ellison has served in a number of technical and management roles. He was a project leader for the evaluation of software engineering development environments and associated software development tools. He was also a member of the Carnegie Mellon University team that wrote the proposal for the SEI; he joined the new FFRDC in 1985 as a founding member.
Epstein, Jeremy	2/10/09 3:55:14 PM	Jeremy Epstein has been involved in information security for over 20 years, and is an internationally recognized researcher in the area. He recently joined SRI International after working as Senior Director of Product Security at Software AG, where he was responsible for analyzing and improving the security of all products, designing security for new products, and complying with security standards. Prior to joining Software AG, he led a security research group at Network Associates, and was responsible for the C2 security evaluation of Novell NetWare. He has published over 20 papers in refereed research conferences including USENIX, IEEE, and ACSAC, as well as several articles in trade magazines.
Fithen, William L.	5/16/08 2:39:04 PM	Bill is a Senior Member of the Technical Staff at the CERT® Coordination Center—a unit

		of the Software Engineering Institute—specializing in analysis and modeling of software vulnerability.
Frank, Steven	3/18/06 9:59:27 AM	Carnegie Mellon University
Gegick, Michael	3/18/06 9:56:45 AM	Michael is a PhD student at North Carolina State University.
Goertzel, Karen Mercedes	1/13/09 8:56:47 AM	Karen Mercedes Goertzel, CISSP, is a subject-matter expert (SME) in software assurance, the insider threat to information systems, cross-domain information sharing, and information assurance and cyber security technologies and trends at Booz Allen Hamilton. She supports the DHS software assurance program, not least as lead author/editor of *Enhancing the Development Life Cycle to Produce Secure Software.* Ms. Goertzel coordinated the joint Information Assurance Technology Analysis Center (IATAC) and Data and Analysis Center for Software (DACS) state-of-the-art-report (SOAR) *Software Security Assurance* and the IATAC SOARs *The Insider Threat to Information Systems* and *DoD Information Assurance (IA) and Computer Network Defense (CND) Strategies: A Comprehensive Review of Common Needs and Capability Gaps;* she is currently a lead author of a new IATAC SOAR on security metrics. She was contributing author to the National Institute of Standards and Technology Special Publication 800-95, *Guide to Secure Web Services,*and editor and contributing author of the National Security Agency's *Guidance for Addressing Malicious Code Risk,* and has been published several times in *CrossTalk: The Journal of Defense Software Engineering* and the IATAC *IANewsletter.*
Goodenough, John	5/16/08 2:39:05 PM	John Goodenough leads the Software Engineering Institute's Performance Critical Systems

		initial initiative, which aims to develop and transition techniques for increasing a software engineer's ability to predict and control the performance and dependability properties of software systems.
Hope, Paco	9/29/06 4:12:58 PM	Managing Consultant, Cigital, Inc.
Hough, Eric D.	5/16/08 2:39:04 PM	Eric D. Hough is a computer scientist at the Space and Naval Warfare Systems Center (SPAWAR) in San Diego, California.
Ingalsbe, Jeff	5/16/08 2:39:05 PM	Jeff Ingalsbe is a senior security and controls engineer with Ford Motor Company, where he is involved in information security solutions for the enterprise, threat modelling efforts, and strategic security research. His BSEE and MSCIS degrees are from Michigan Technological University and the University of Detroit Mercy, respectively. He is currently working on a PhD in Software Engineering at Oakland University.
Janardhanudu, Girish	3/18/06 9:57:28 AM	Girish Janardhanudu is a Senior Consultant at Cigital, Inc.
Jan M. Vargas	8/3/09 4:55:05 PM	Jan Vargas is a member of the operational staff at Carnegie Mellon University's Software Engineering Institute (SEI). Since joining the SEI in 1986, Ms. Vargas has worked in multiple areas within the institute, including the Director's Office, the Government Sector, the Program Integration Directorate, the Acquisition Support Program, and the Networked Systems Survivability (NSS) Program.
Killcrece, Georgia	5/16/08 2:39:03 PM	Since 1986, Killcrece has served in a number of administrative and technical roles at the Software Engineering Institute. As a member of the CERT® Coordination Center since 1989, Killcrece currently leads the CERT CSIRT Development Team.

Kim, Gene	11/10/06 10:34:28 AM	Gene Kim is the CTO and co-founder of Tripwire, Inc. In 1992, he co-authored Tripwire while at Purdue University with Dr. Gene Spafford. He is currently working on a series of projects to capture and codify how "best in class" organizations have IT operations, security, audit, management, and governance working together to solve common objectives. In 2004, he co-wrote the Visible Ops Handbook, codifying how to successfully transform IT organizations from "good to great." In 2003, he co-chaired two conferences with SANS and the Software Engineering Institute, and was named by InfoWorld as one of the "Four Up and Coming CTOs to Watch." Since 2005, he has been working with the Institute of Internal Auditors on the Guidance for Auditing IT General Controls (GAIT) project, intended to help management appropriately scope the IT portions of SOX-404.
Lavenhar, Steven	3/31/06 9:37:10 AM	Cigital, Inc.
Lipson, Howard F.	5/30/08 4:14:15 PM	Howard F. Lipson is a senior member of the technical staff in the CERT Program in the Software Engineering Institute at Carnegie Mellon University. Lipson has been a computer security researcher at CERT for 16 years.
Losi, Stephanie	6/25/07 5:05:05 PM	
McCurley, James	3/18/06 10:00:59 AM	Jim McCurley is a Senior Member of the Technical Staff for the Software Engineering Measurement and Analysis (SEMA) group within the Software Engineering Institute (SEI).
McGraw, Gary	5/16/08 2:39:03 PM	Gary McGraw is the CTO of Cigital, Inc., a software security and quality consulting firm with headquarters in the Washington, D.C. area. He is a globally recognized authority on software

		security and the author of six best selling books on this topic. The latest, *Exploiting Online Games*, was released in 2007. His other titles include *Java Security*, *Building Secure Software*, *Exploiting Software*, and *Software Security*; and he is editor of the Addison-Wesley Software Security series. Dr. McGraw has also written over 90 peer-reviewed scientific publications, authors a monthly security column for darkreading.com, and is frequently quoted in the press.
Mead, Nancy	9/23/09 5:06:50 PM	Nancy R. Mead is a senior member of the technical staff in the NSS Program at the SEI. Mead is also a faculty member in the Master of Software Engineering and Master of Information Systems Management programs at Carnegie Mellon University. She is currently involved in the study of secure systems engineering and the development of professional infrastructure for software engineers. During fiscal year 2005 she served as team lead for the initial BSI Web Site development and launch. In fiscal year 2006 she continues on the BSI project as technical lead. She also served as director of education for the SEI from 1991 to 1994.
Michael, C. C.	4/4/06 3:25:59 PM	Dr. Michael holds a technical staff position at Cigital as a Senior Research Scientist. Dr. Michael's areas of research include automated software analysis and intrusion prevention. Dr. Michael has led numerous government-funded research projects in software mutation analysis, information system intrusion detection, malicious code detection, and failure prediction.
Milne, Kurt	11/10/06 10:38:05 AM	Kurt Milne is the Managing Director of the IT Process Institute. He has over 15 years experience in various marketing management, alliance

		management, and engineering positions at leading technology companies. His main areas of expertise include IT service management and IT controls, inventory and supply chain management, and computer integrated manufacturing. He is responsible for overall ITPI operations including sponsorship and membership.
O'Neill, Don	7/11/08 11:19:09 AM	Don O'Neill is a seasoned software engineering manager and technologist. Following his twenty-seven year career with IBM's Federal Systems Division, Mr. O'Neill completed a three-year residency at Carnegie Mellon University's Software Engineering Institute (SEI) under IBM's Technical Academic Career Program and also served as an SEI Visiting Scientist.
Osman, Hassan	5/16/08 2:39:04 PM	Hassan Osman is an information security advisor with Ernst & Young LLP's Security & Technology Solutions practice, where he helps Fortune 500 clients assess, evaluate, and implement solutions to protect their information. He holds a Master of Science in Information Security Policy and Management from Carnegie Mellon University and a bachelor's degree in engineering from the American University of Beirut. Osman is the author of "Securing Your Information in an Insecure World: What You Must Know about Hackers and Identity Thieves." He holds the SANS GSEC certification.
Peterson, Gunnar	5/16/08 2:39:03 PM	Peterson has served organizations as a Software Security Architect for distributed systems including databases, middleware, messaging, application layer, embedded systems, and commercial packages. Peterson has provided consulting services on software security design, process, and

		training to some of the largest financial, manufacturing, and healthcare organizations and systems.
Phelps, Daniel	11/10/06 10:40:11 AM	Dr. Daniel Phelps is the research lead on the IT Controls Benchmarking Survey. He is an information scientist and faculty member in the College of Information, Panama City Campus, Florida State University with broad research interests in information systems and technology, particularly related to information assurance, community development, and best practices. His graduate work in Information Studies was done at Florida State University and in Computer Science at James Madison University.
Plakosh, Daniel	5/16/08 2:39:04 PM	Daniel Plakosh is a senior member of the technical staff in the Networked Systems Survivability Program at the Software Engineering Institute (SEI). The CERT® Coordination Center is a part of this program.
Radosevich, Will	3/18/06 10:06:23 AM	Cigital, Inc.
Redwine, Samuel T., Jr.	3/8/07 2:26:57 PM	An associate professor at James Madison University, Sam Redwine has had an extensive career of practice, scholarship, and research in the fields of software engineering and software security. He was the general chair for the 2006 International Symposium on Secure Software Engineering, chairs the DHS/DoD Software Assurance Working Group on Workforce Education and Training, and is a key member of the Object Management SIG on Software Assurance and the NDIA System Assurance Committee.
Ruefle, Robin	1/25/07 8:54:01 AM	Robin Ruefle is a member of the technical staff of the CERT Program at the Software Engineering Institute at Carnegie Mellon University. She works as a member of the CERT CSIRT

		Development team (CDT), which is part of the CERT Education and Training area.
Seacord, Robert C.	5/16/08 2:39:04 PM	Robert C. Seacord is a senior vulnerability analyst at the CERT Coordination Center (CERT/CC) at the Software Engineering Institute (SEI) in Pittsburgh, PA, and author of Secure Coding in C and C++ (Addison-Wesley, 2005). An eclectic technologist, Robert is coauthor of two previous books, Building Systems from Commercial Components (Addison-Wesley, 2002) and Modernizing Legacy Systems (Addison-Wesley, 2003), as well as more than 40 papers on software security, component-based software engineering, web-based system design, legacy-system modernization, component repositories and search engines, and user interface design and development.
Sethi, Amit	11/17/06 10:13:19 AM	Amit Sethi is a Software Security Consultant at Cigital, Inc. and has more than four years of experience in cryptography and software development in both commercial and research environments.
Shoemaker, Dan	5/16/08 2:39:05 PM	Dan Shoemaker is the director of the Centre for Assurance Studies, a National Security Agency (NSA) Center of Academic Excellence in Information Assurance Education at the University of Detroit Mercy. He is also a professor at UDM, and he has been the chair of the Computer and Information Systems Program within the College of Business Administration since 1985. His PhD is from the University of Michigan in Ann Arbor, and he subsequently spent a career in various professional IS roles at that institution, as well as at Michigan State University.
Telang, Rahul	3/18/06 10:07:19 AM	Carnegie Mellon University

van Wyk, Ken	5/16/08 2:39:03 PM	Kenneth R. van Wyk is an internationally recognized information security expert and author of the O'Reilly and Associates books Incident Response and Secure Coding. In addition to providing consulting and training services through his company, KRvW Associates, LLC, (http://www.KRvW.com), he currently holds numerous positions: the Director of Cigital's (http://www.cigital.com) Research Labs, monthly columnist for online security portal eSecurityPlanet (http://www.eSecurityPlanet.com), and Visiting Scientist at Carnegie Mellon University's Software Engineering Institute (http://www.sei.cmu.edu).
Weber, Carl C.	12/14/06 12:10:46 PM	Carl Weber is a technical manager with Cigital, Inc. He has many years of experience assisting a wide variety of clients with their business software development challenges. Carl is a graduate of Carnegie Mellon University.
Weinstock, Charles B.	1/25/07 11:57:16 AM	Chuck Weinstock is a senior member of the technical staff in the Performance Critical Systems initiative at the Software Engineering Institute at Carnegie Mellon. His interests are in the area of dependable computing, with a recent emphasis on assurance cases.
Woody, Carol	5/16/08 2:39:05 PM	Carol Woody is a senior member of the CERT technical staff. Her research is focused on ways to address software design and development that improve the security of the implemented results. She is leading two research projects for the DoD that are developing and validating the Survivable Analysis Framework, an approach for analyzing the impact of operational and technology changes on the survivability of mission and

		business workflows in complex system of systems environments.
Zubrow, Dave	3/18/06 10:07:59 AM	Dave Zubrow is Team Leader for the Software Engineering Measurement and Analysis (SEMA) group within the Software Engineering Institute (SEI).